



1/28

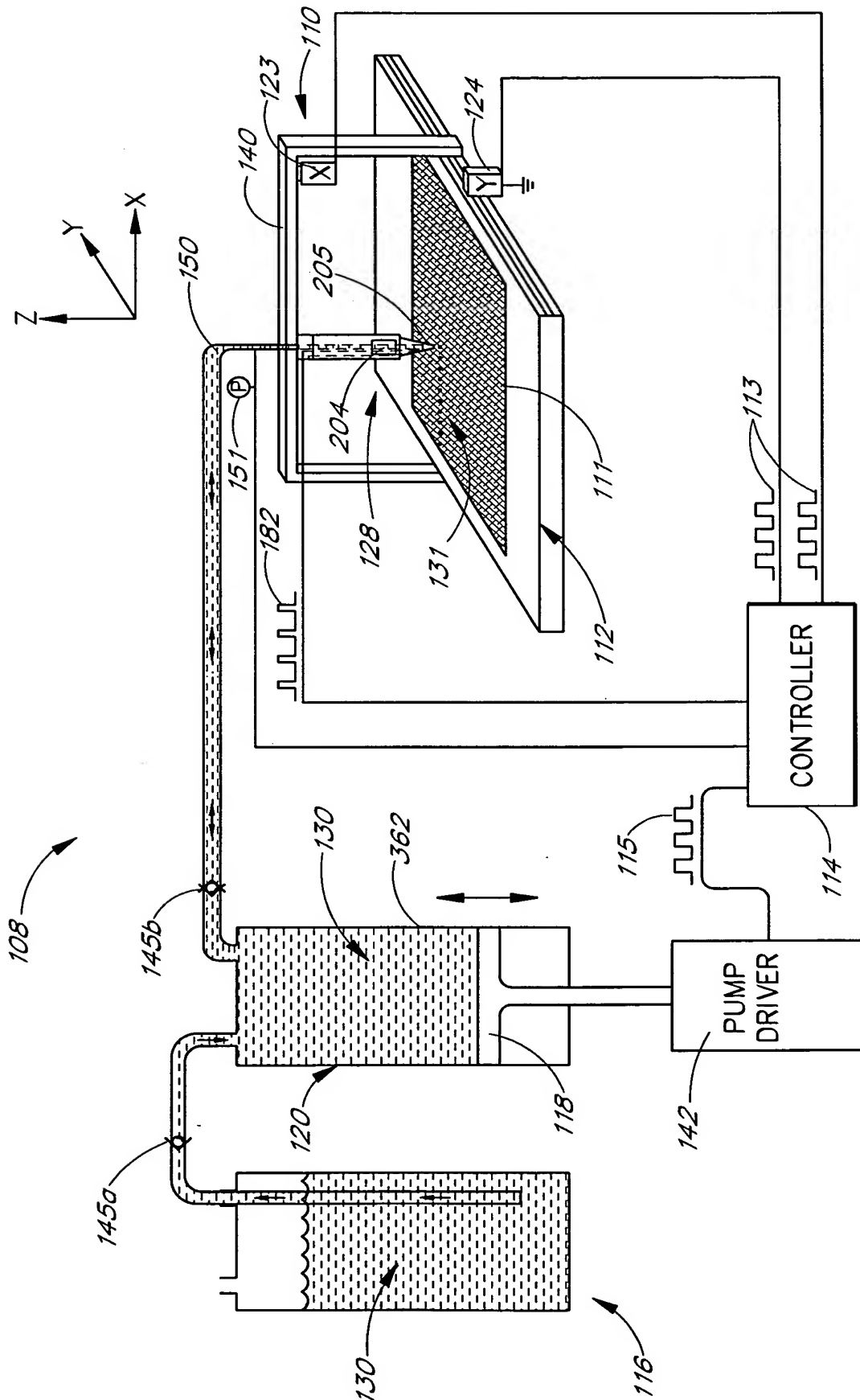
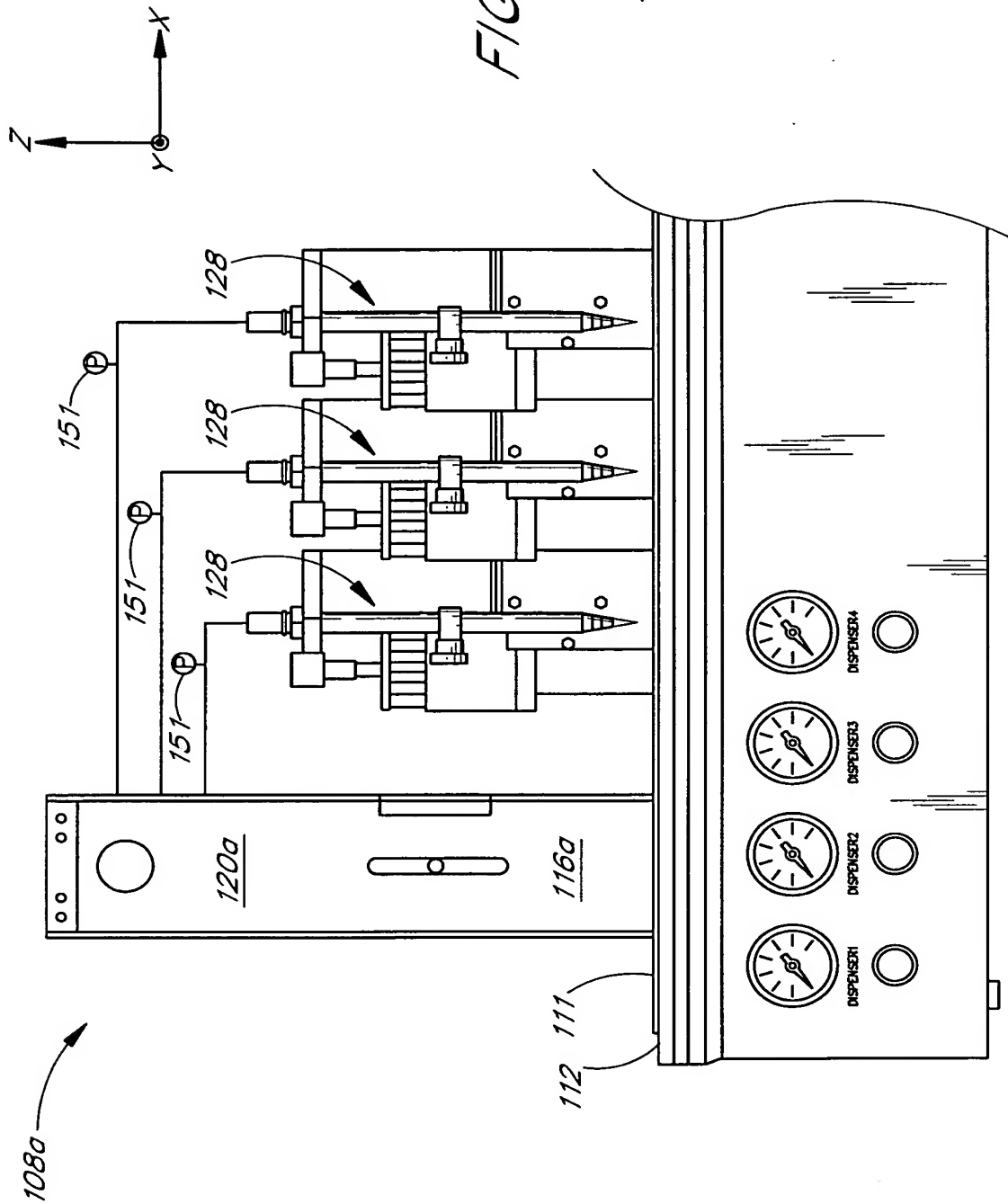


FIG. 2A



3/28

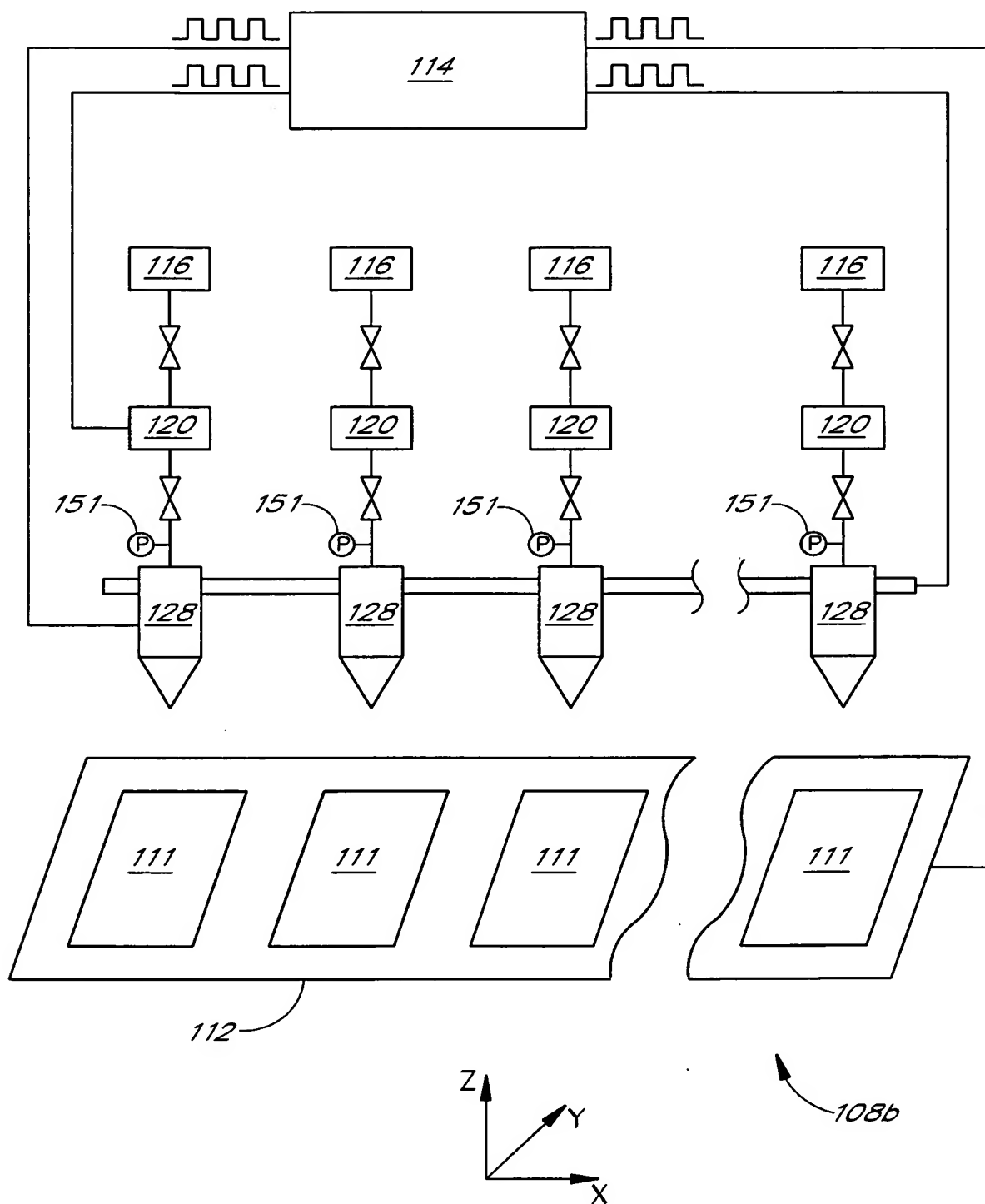


FIG. 2B

4/28

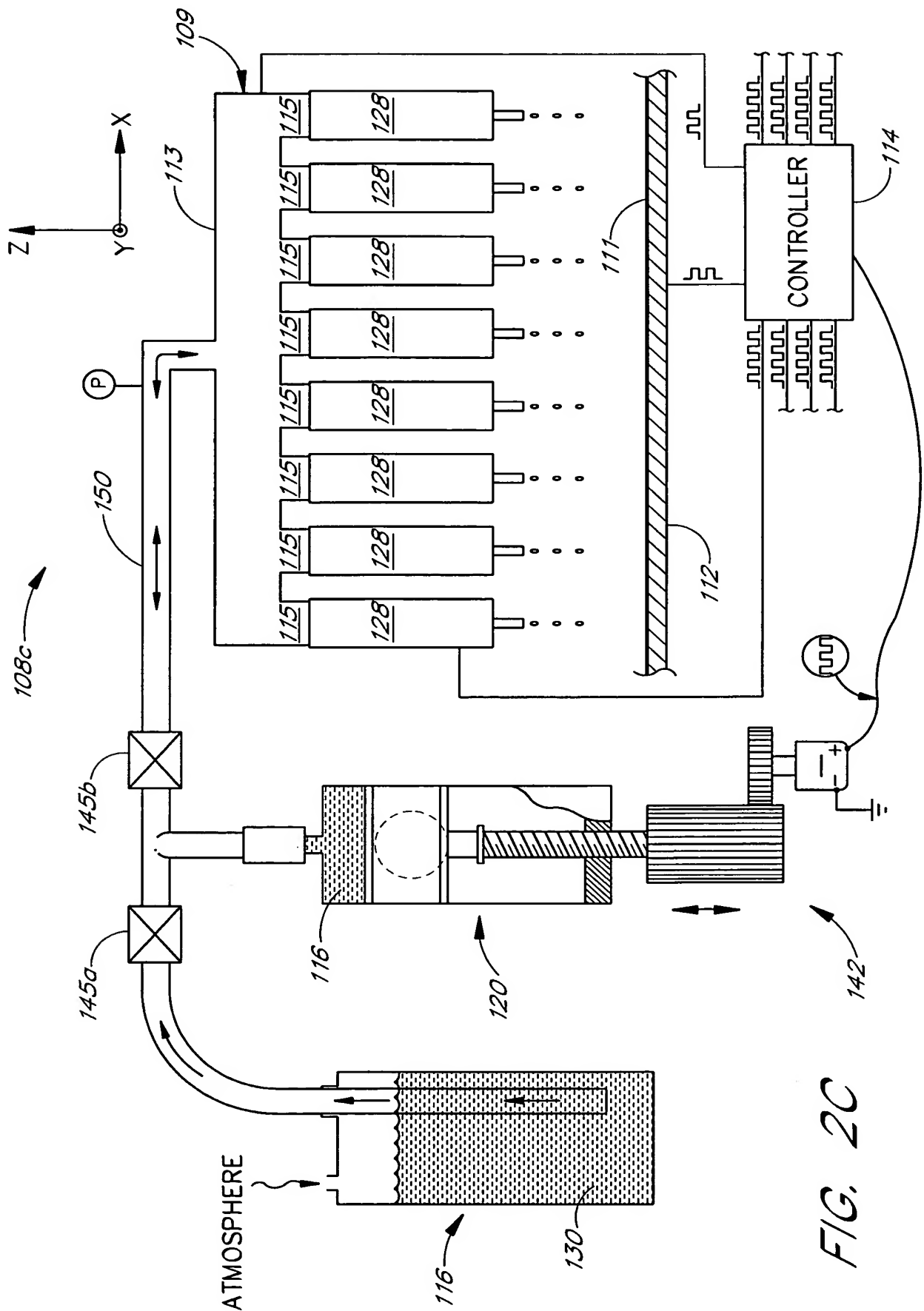


FIG. 2C

5/28

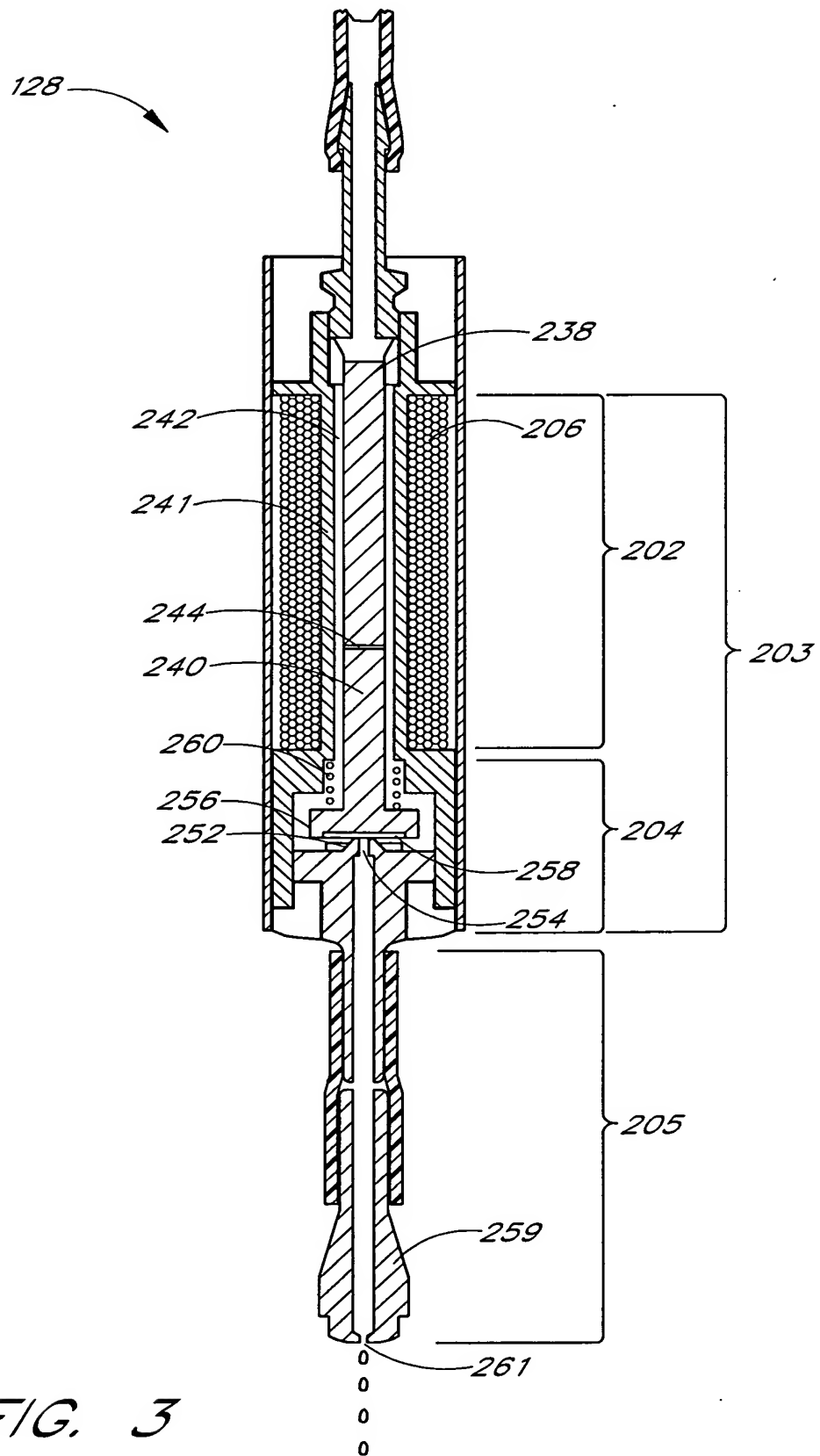


FIG. 3

6/28

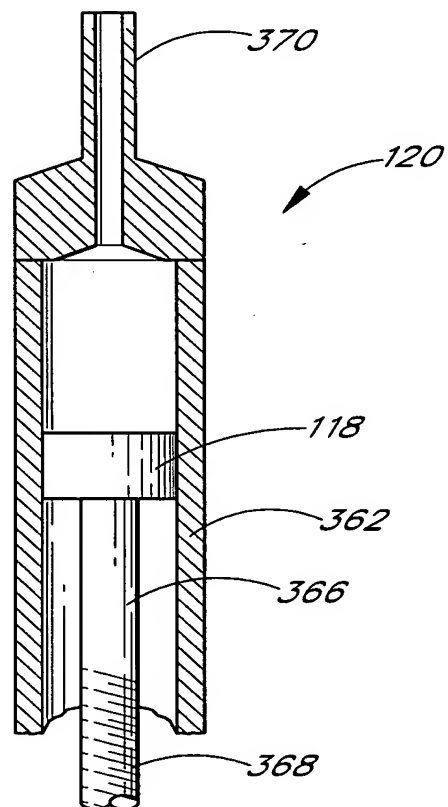
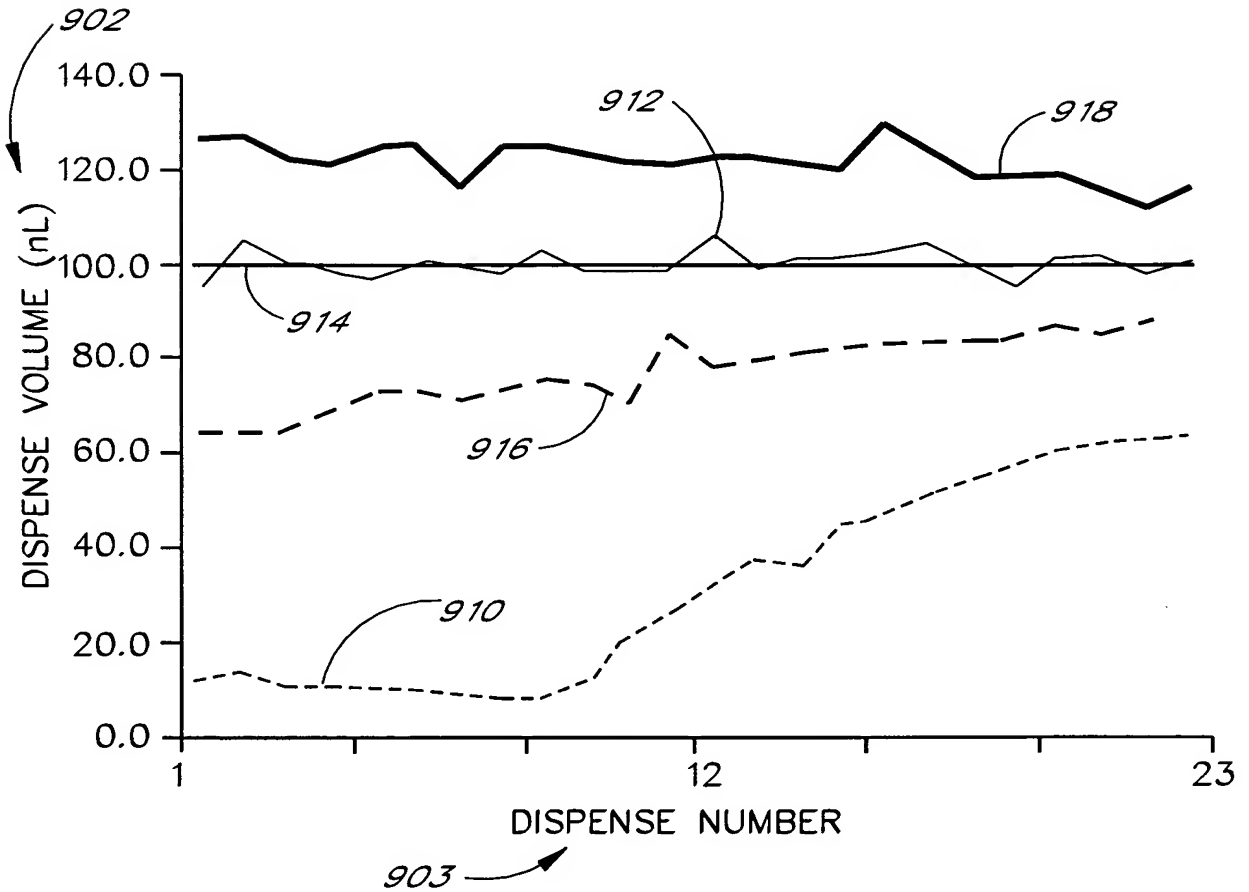


FIG. 4

7/28



- TARGET DISPENSE
- - - - - 2 uL PRE-PRESSURIZATION (200 STEPS)
- 3 uL PRE-PRESSURIZATION (300 STEPS)
- 4 uL PRE-PRESSURIZATION (400 STEPS)
- · - · - · NO PRE-PRESSURIZATION

FIG. 5

8/28

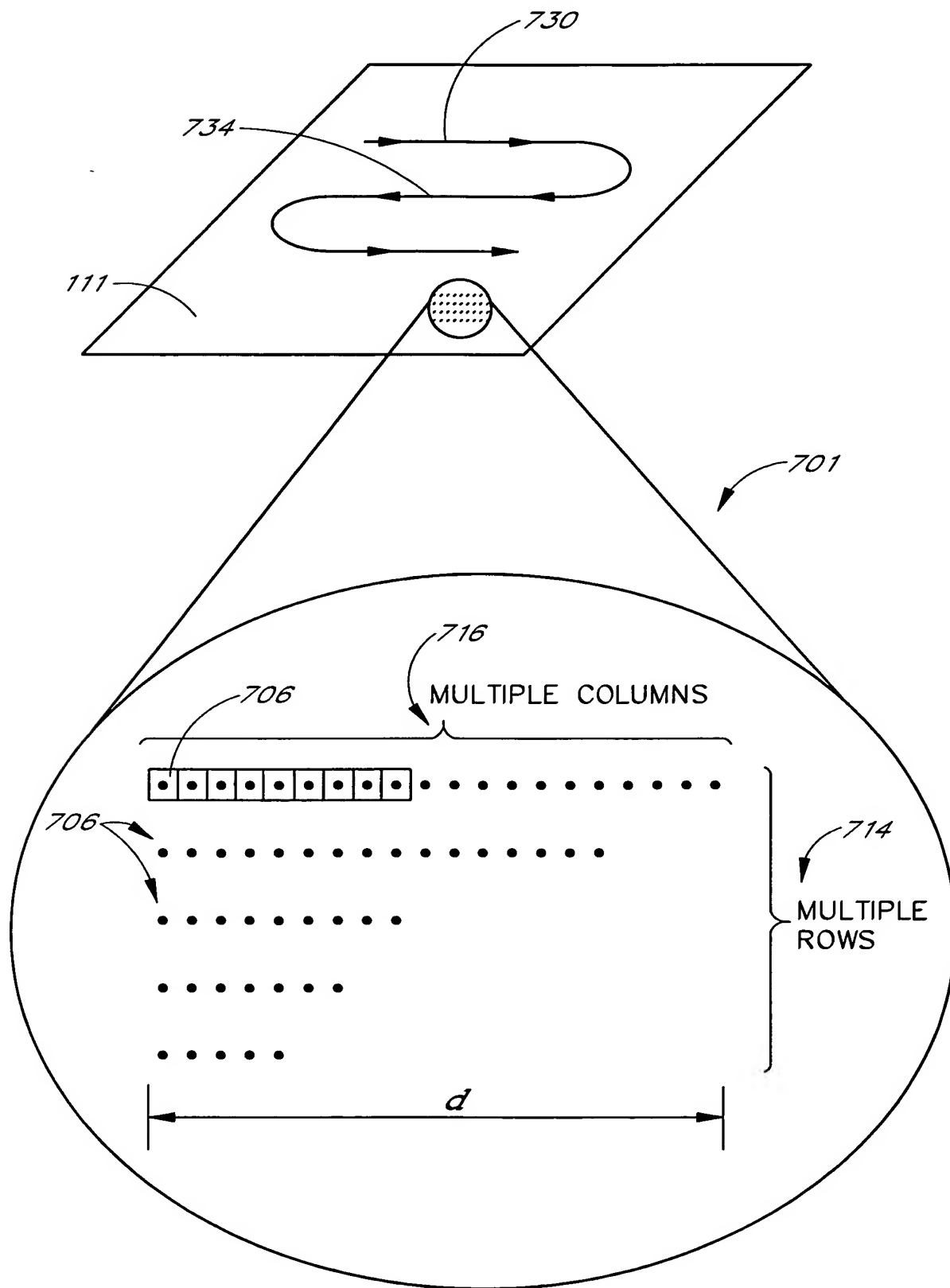


FIG. 6

9/28

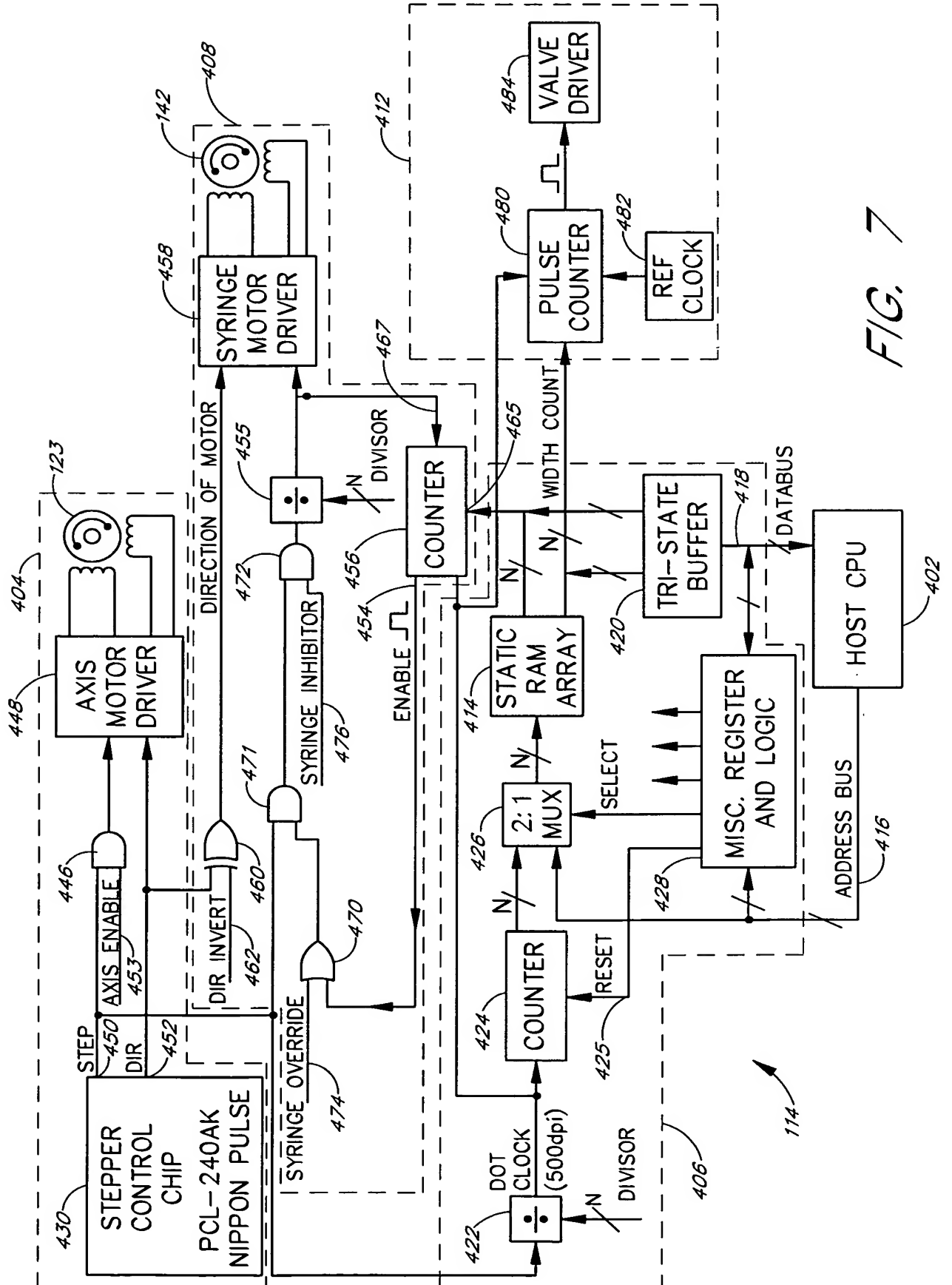


FIG. 7

10/28

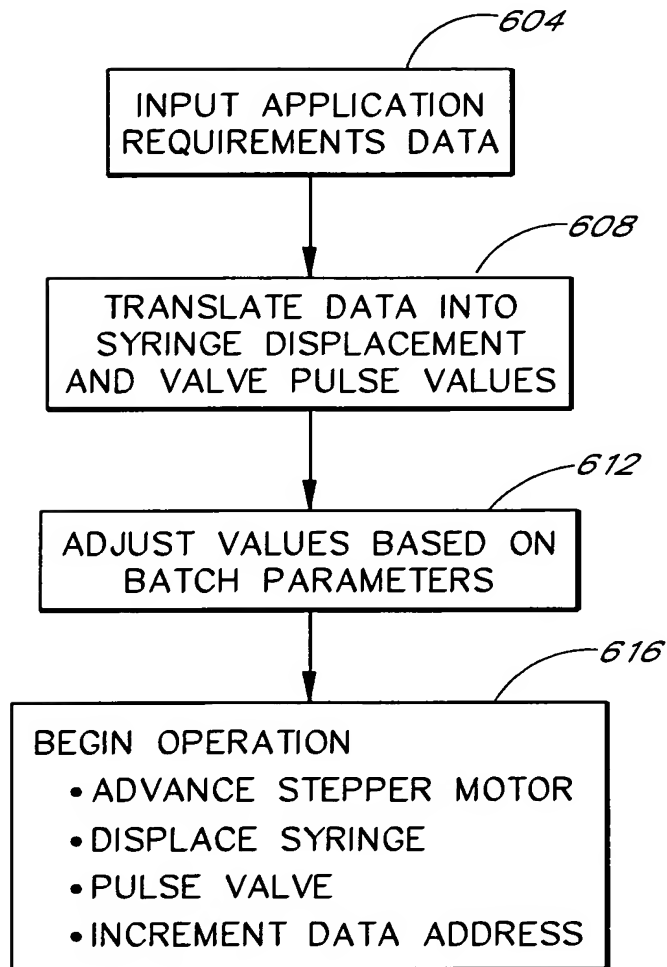


FIG. 8

11/28

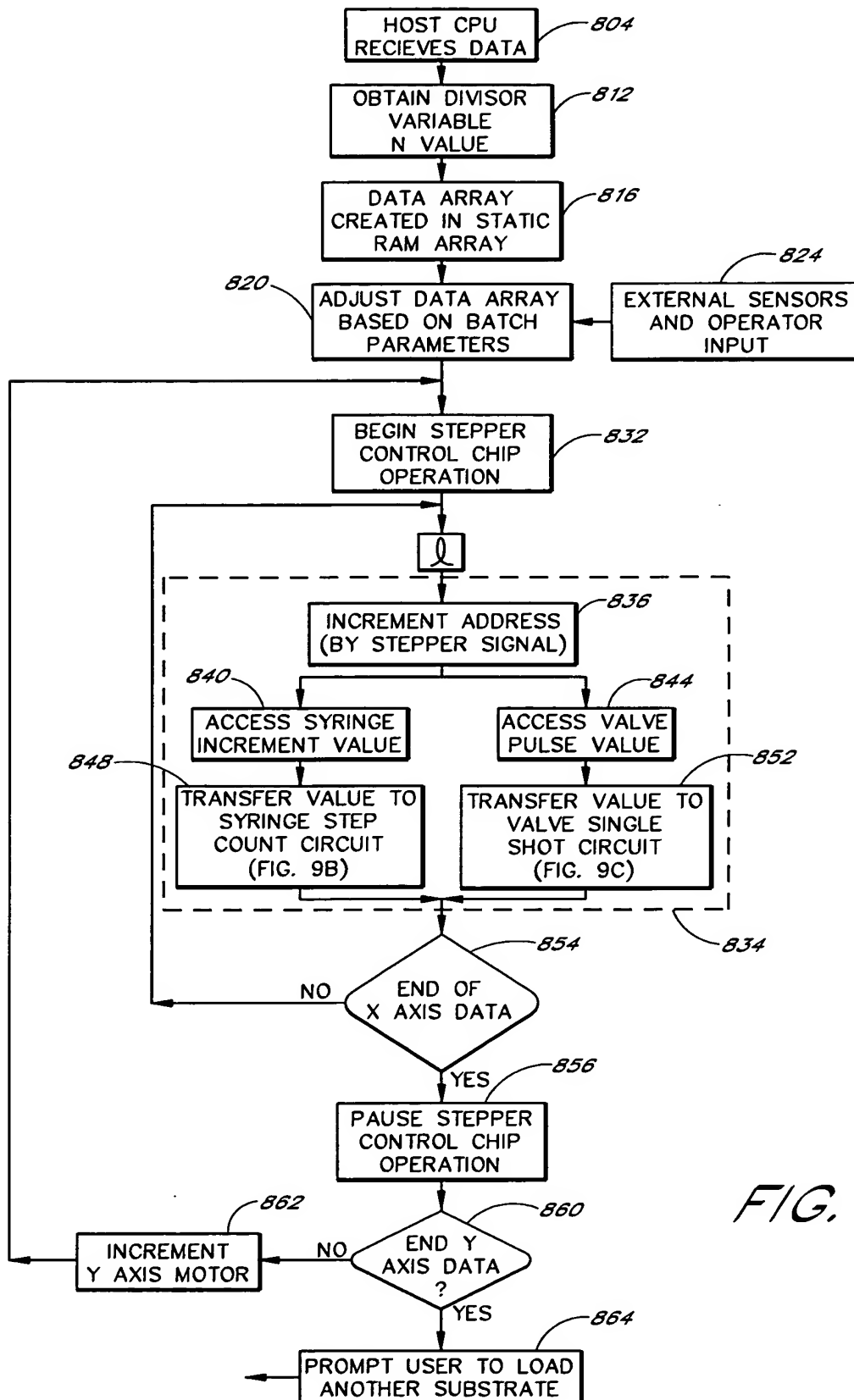


FIG. 9A

12/28

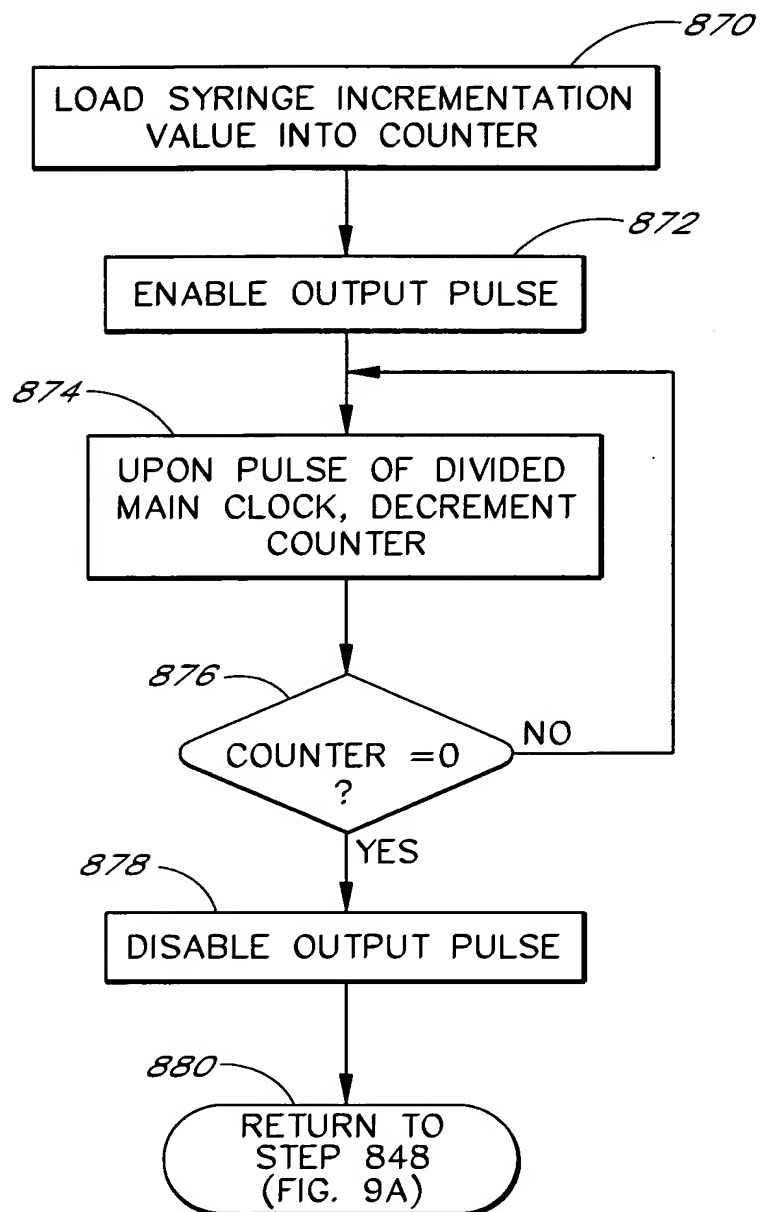


FIG. 9B

13/28

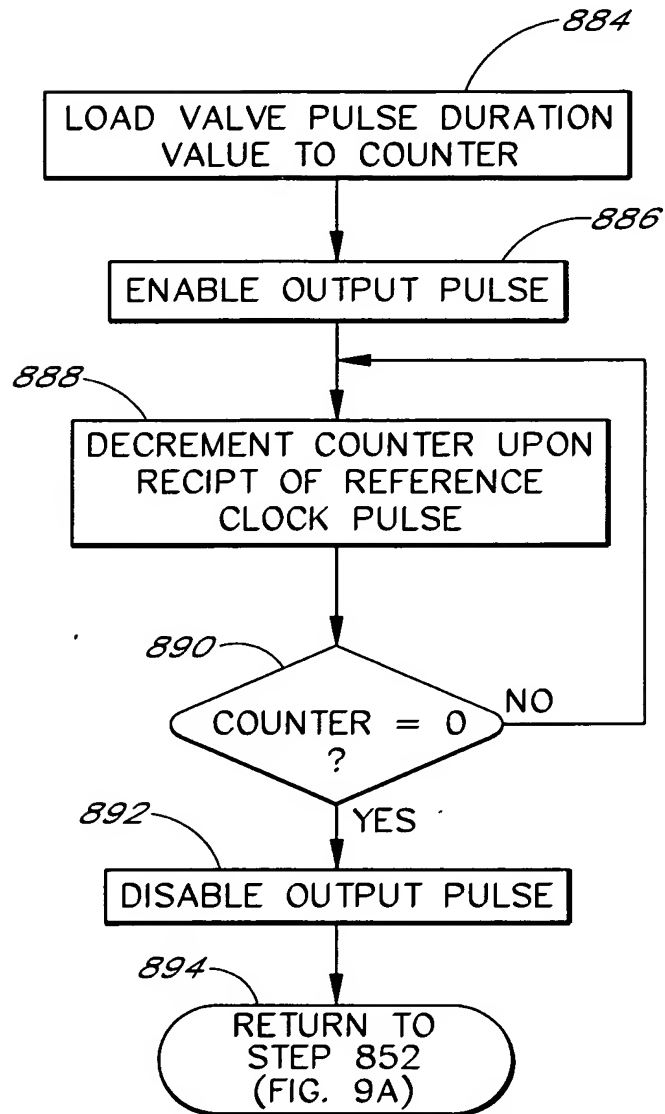


FIG. 9C

14/28

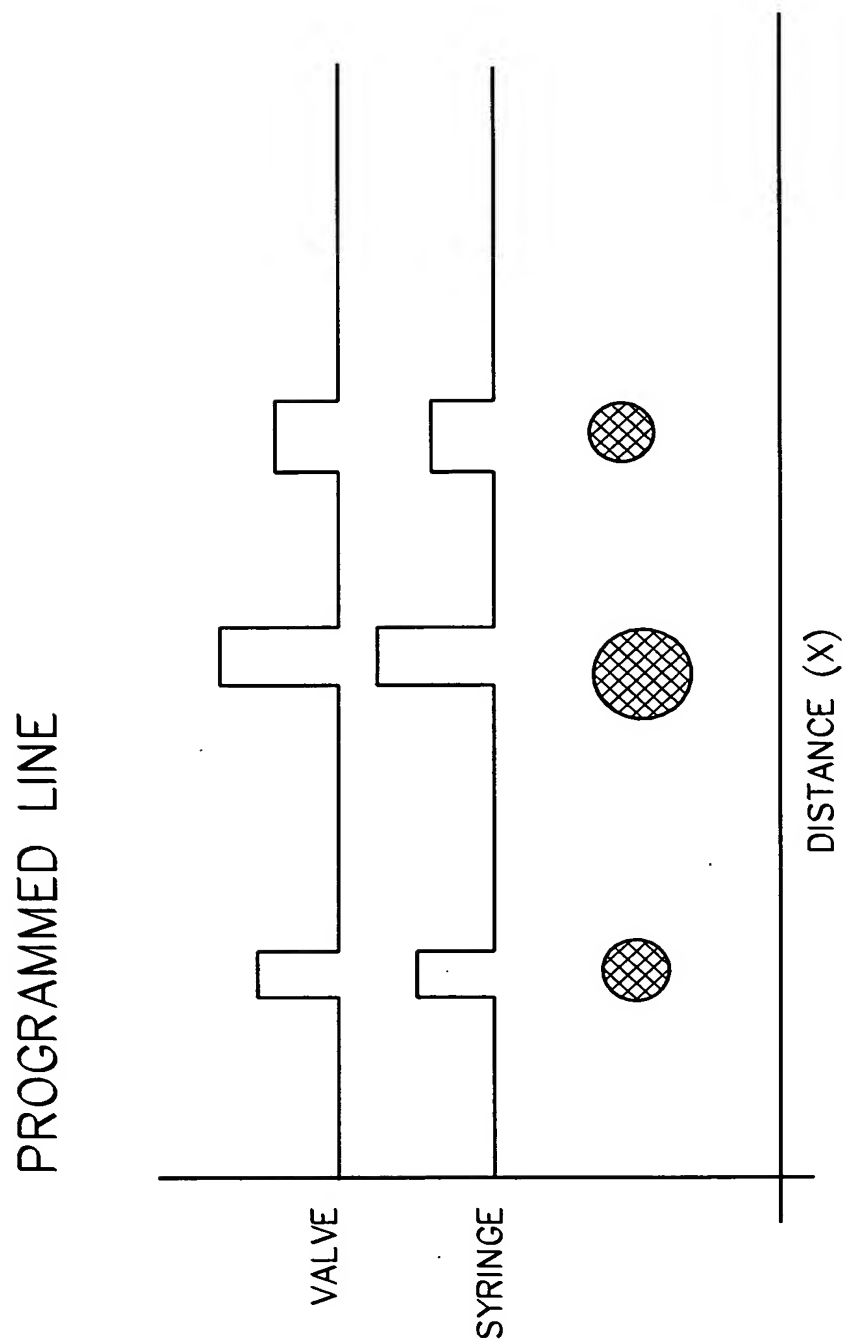
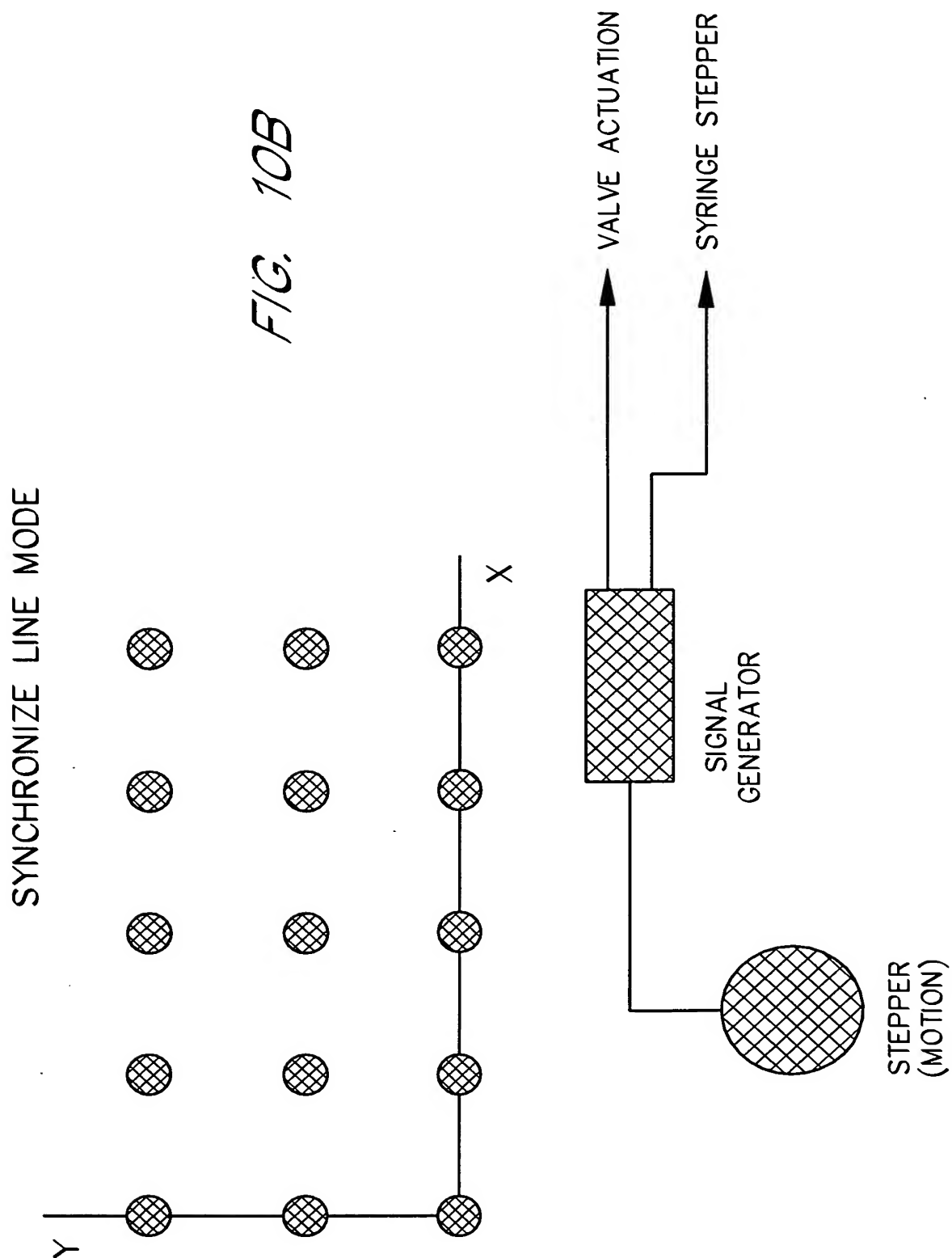


FIG. 10A

15/28



16/28

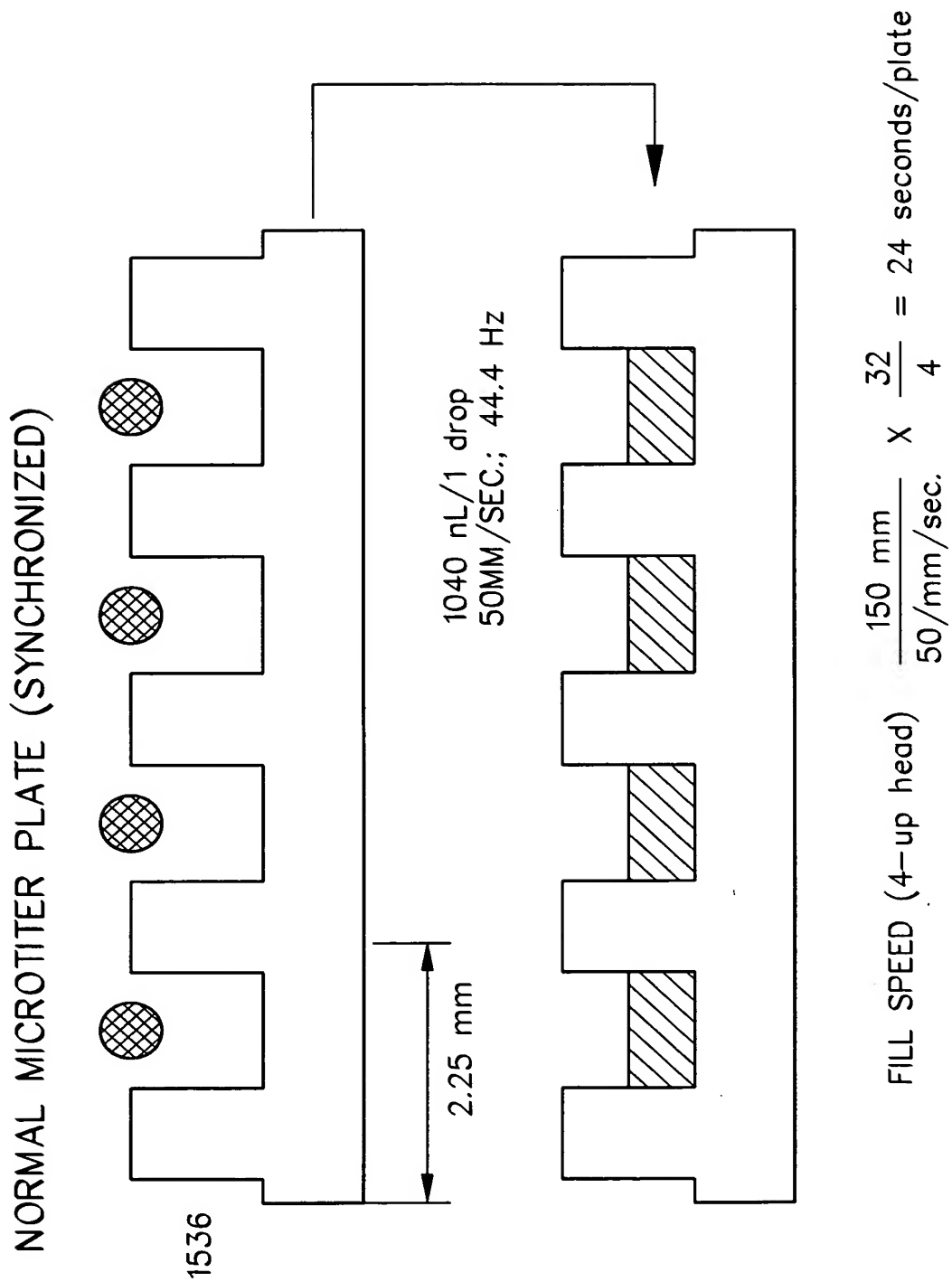


FIG. 10C

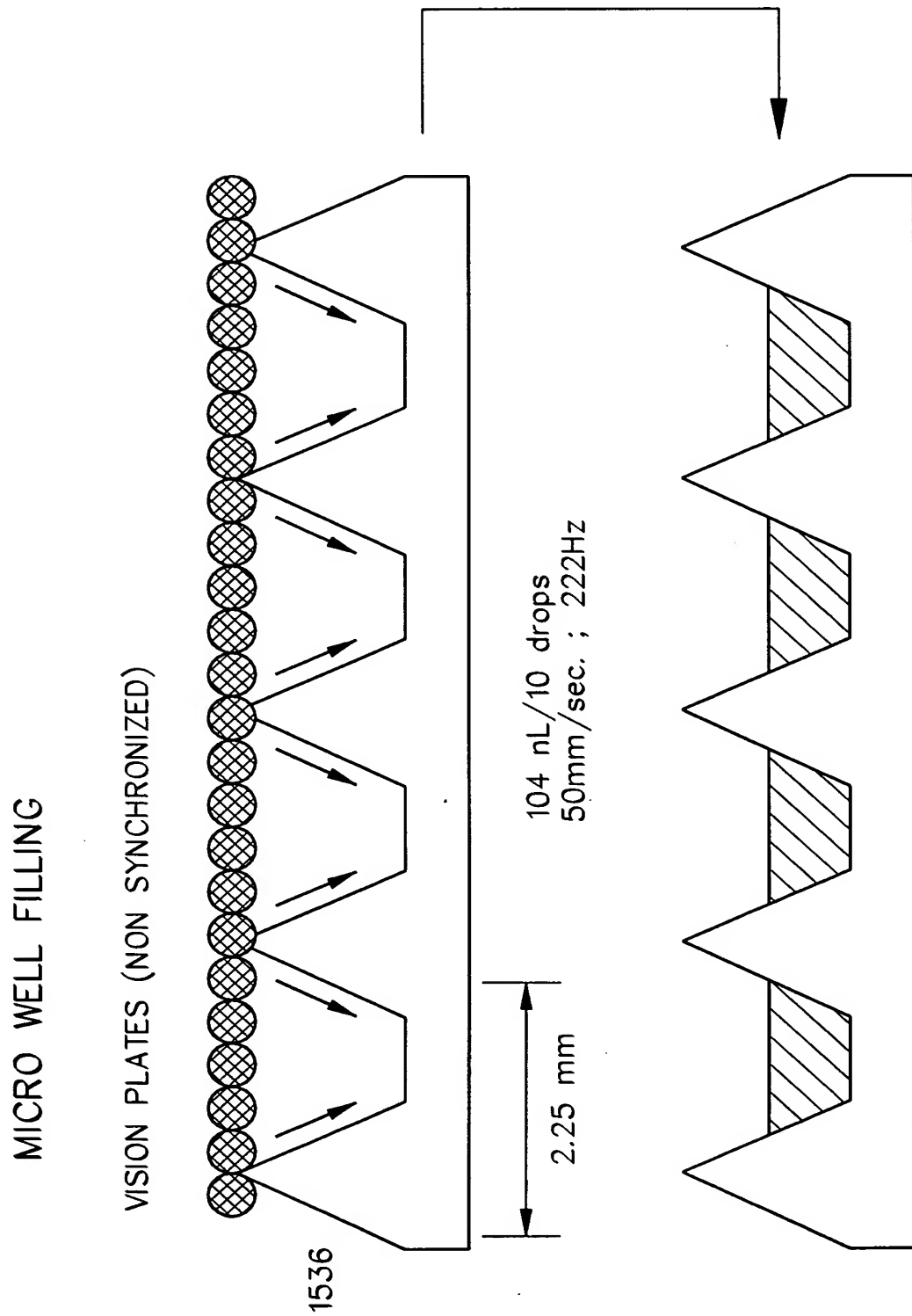


FIG. 10D

18/28

MAPPING

nQUAD, LINE MODE: 1:1 TRANSFORMATION MTP ->ARRAY

PINS/nQUAD, DOT MODE: 9/4.5 mm OFF SETS MAINTAINED ON ARRAY

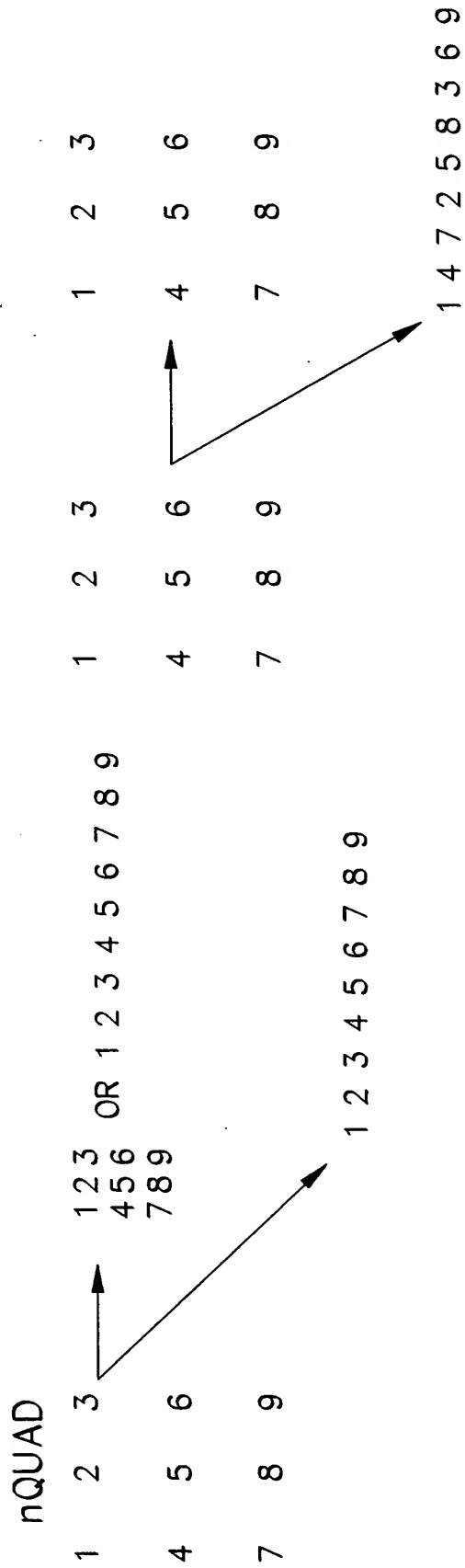


FIG. 10E

19/28

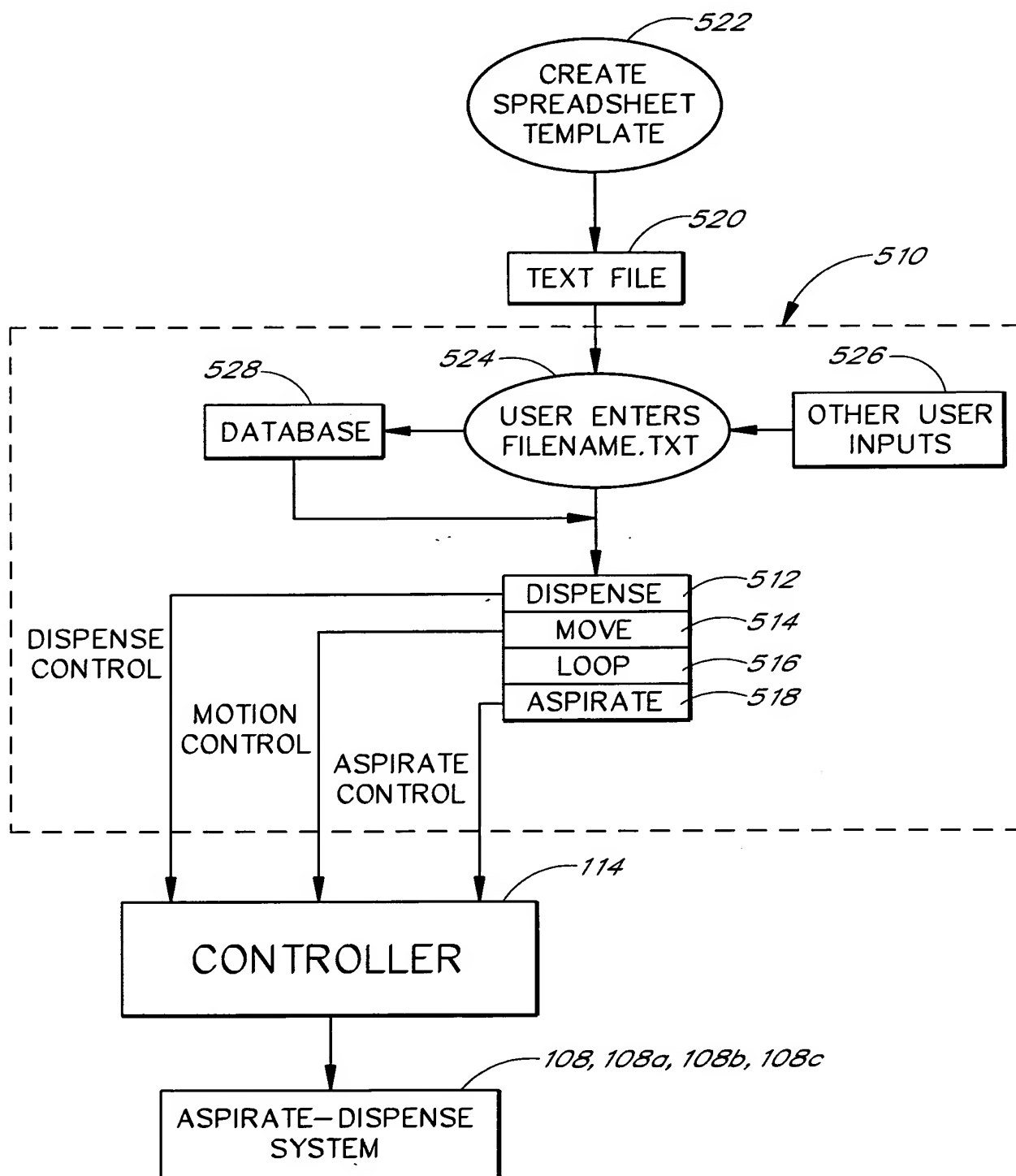


FIG. 11

20/28

Fluorescence versus Peptide Concentration Standard Curve
Comparison of manually dispensing 10 μ L per well (circles) and
SynQuad dispensing of 5 μ L per well (squares)

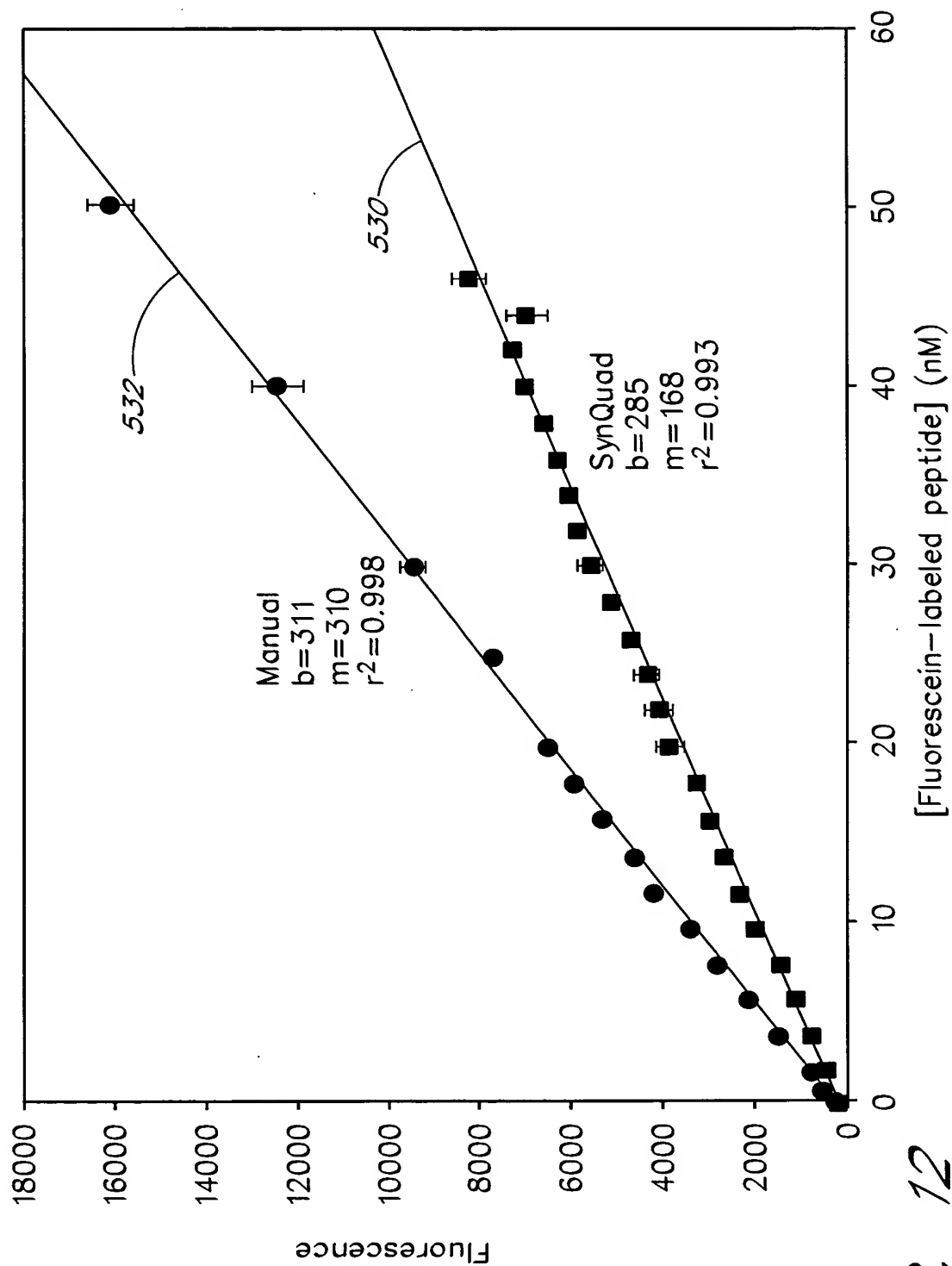


FIG. 12

21/28

Peptide Binding to Protein
Solutions dispensed by SynQuad
5 μ L total volume
Average %CV across plate = 4

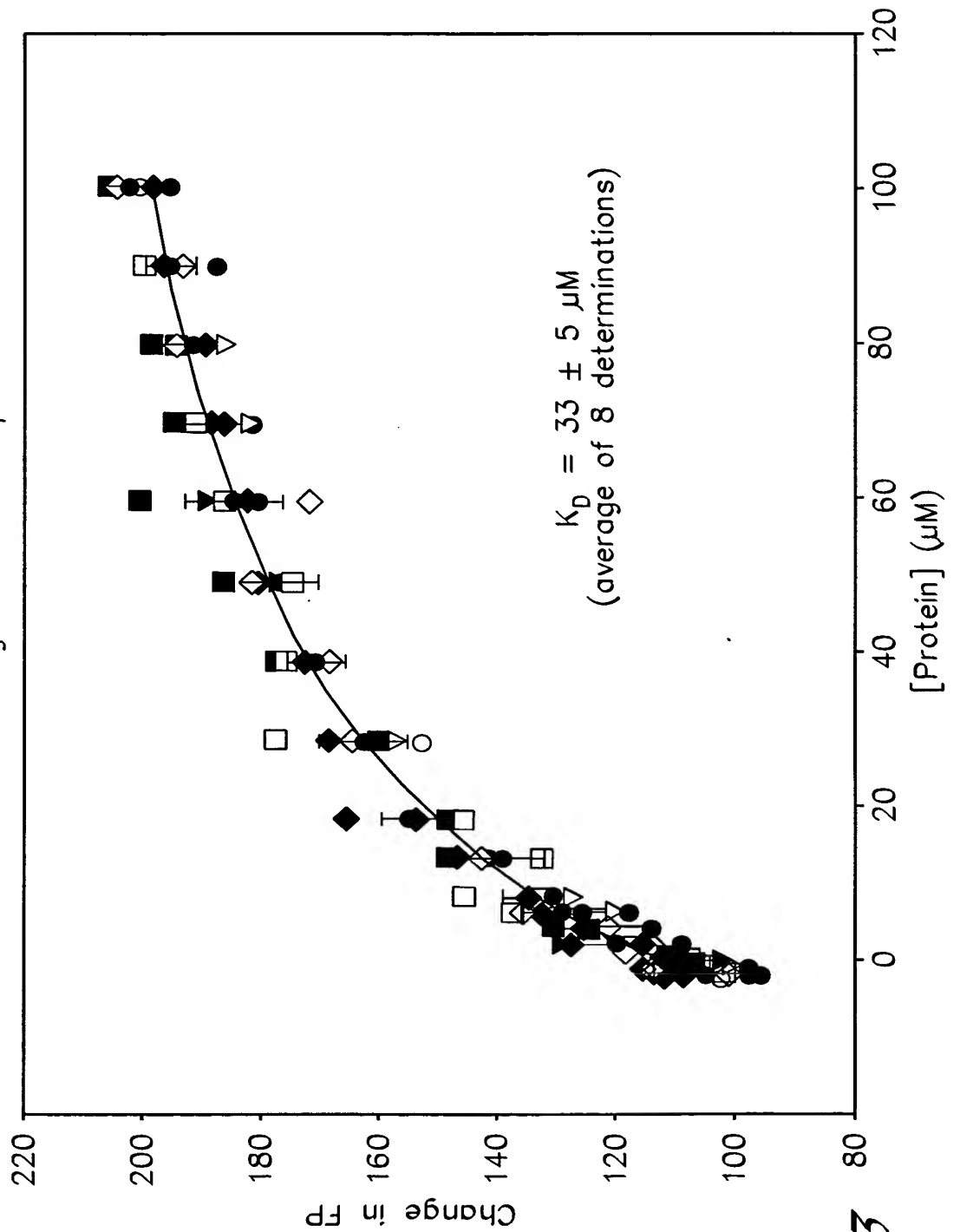


FIG. 13

22/28

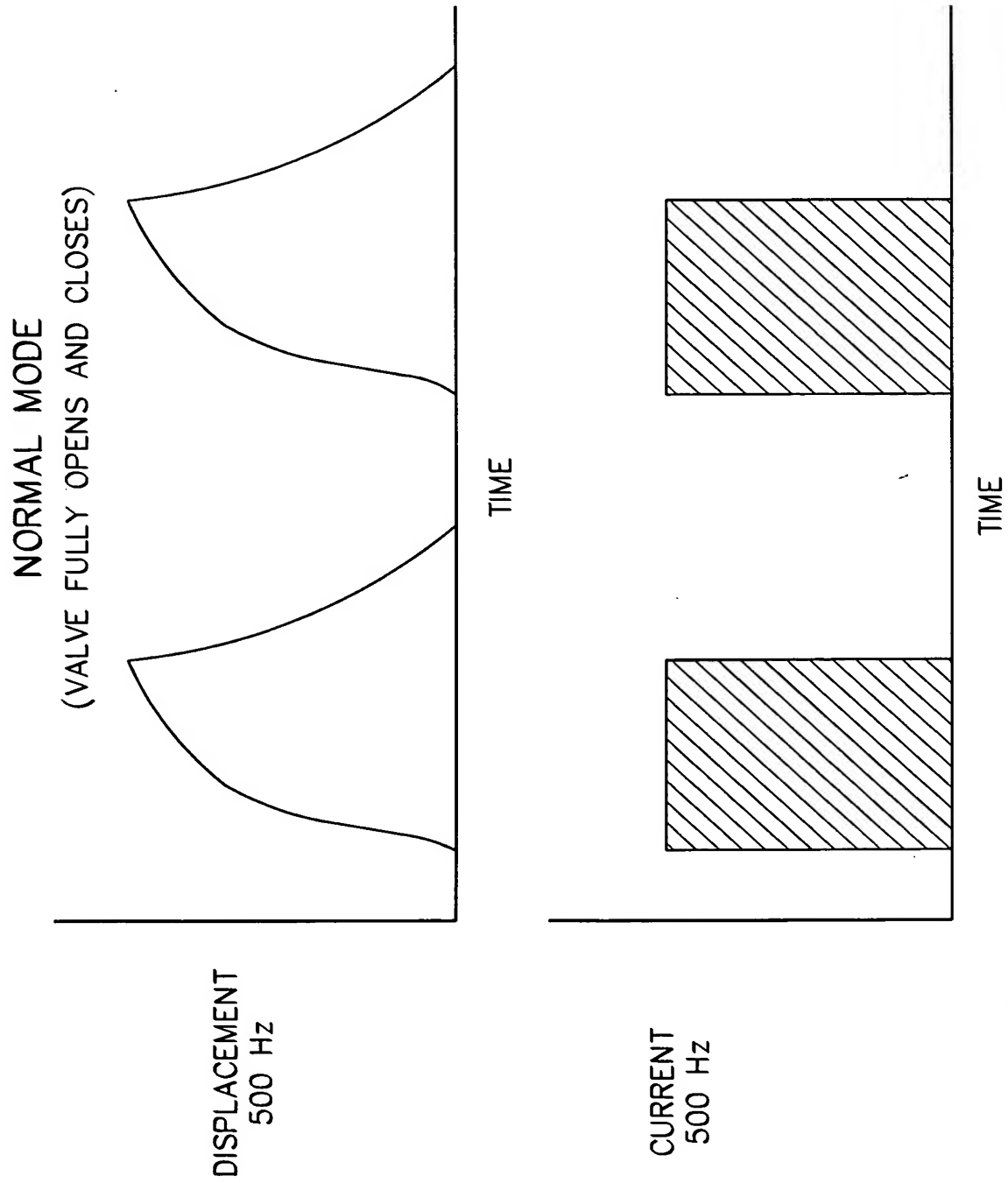


FIG. 14A

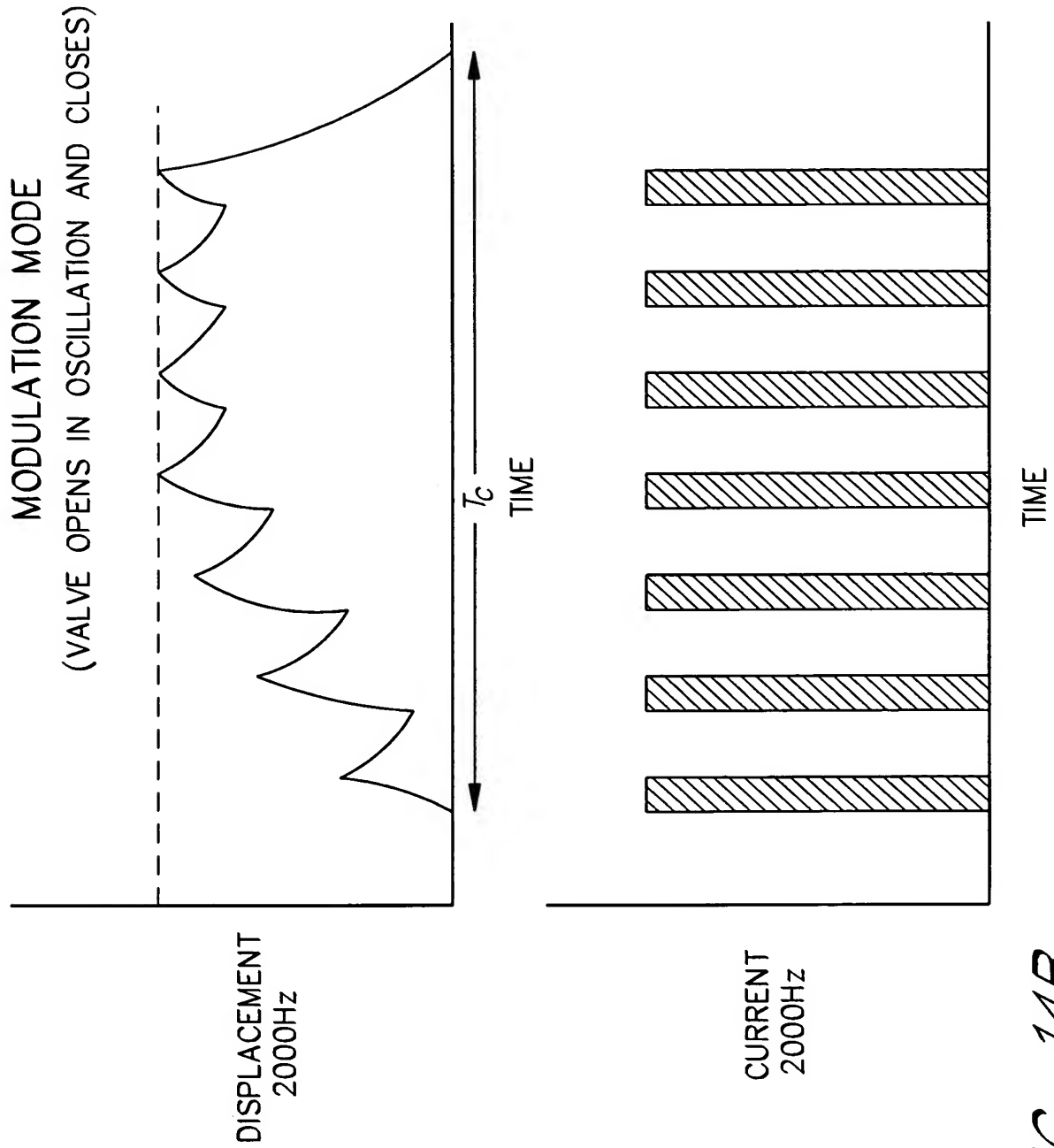


FIG. 14B

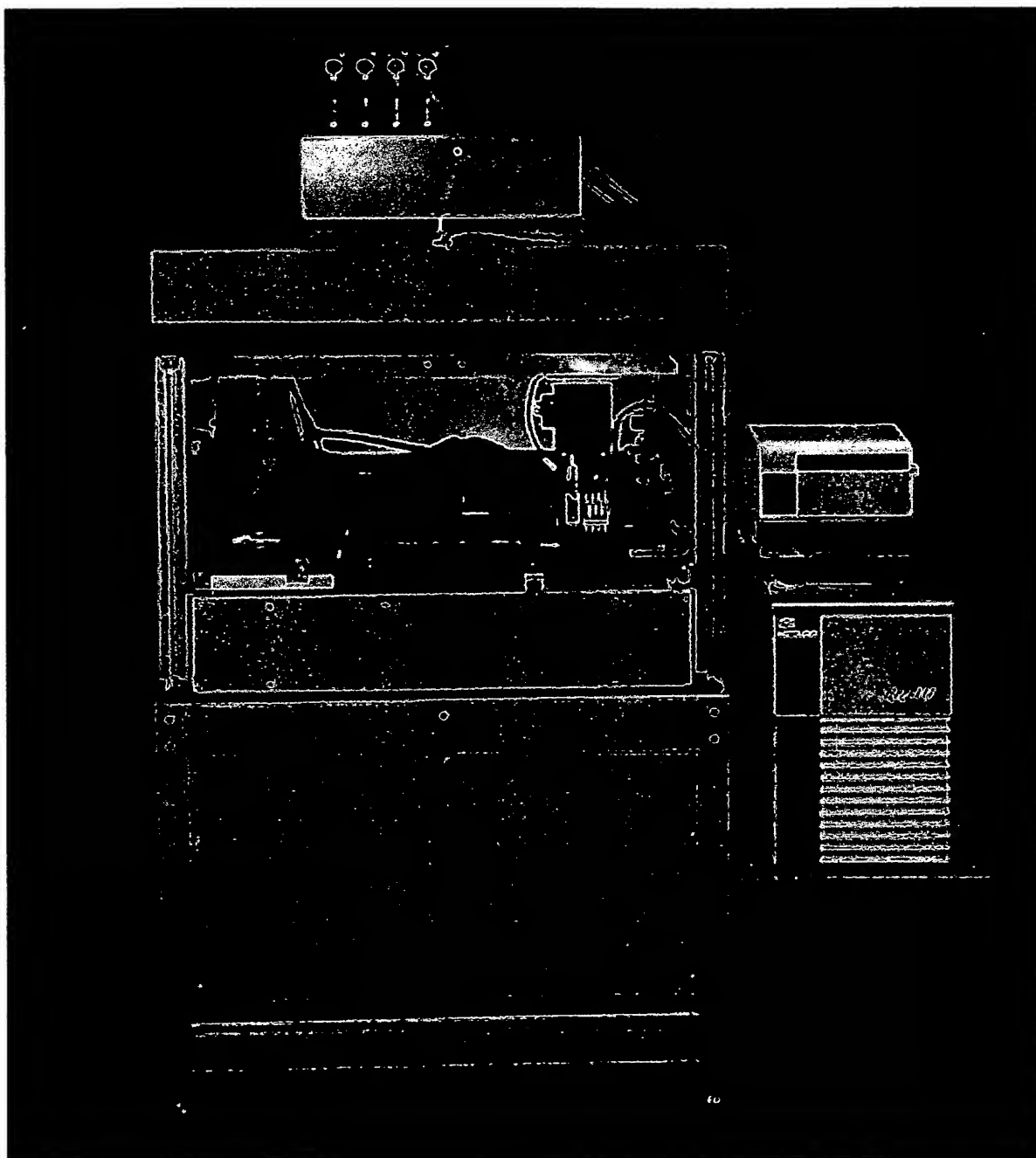


FIG. 15

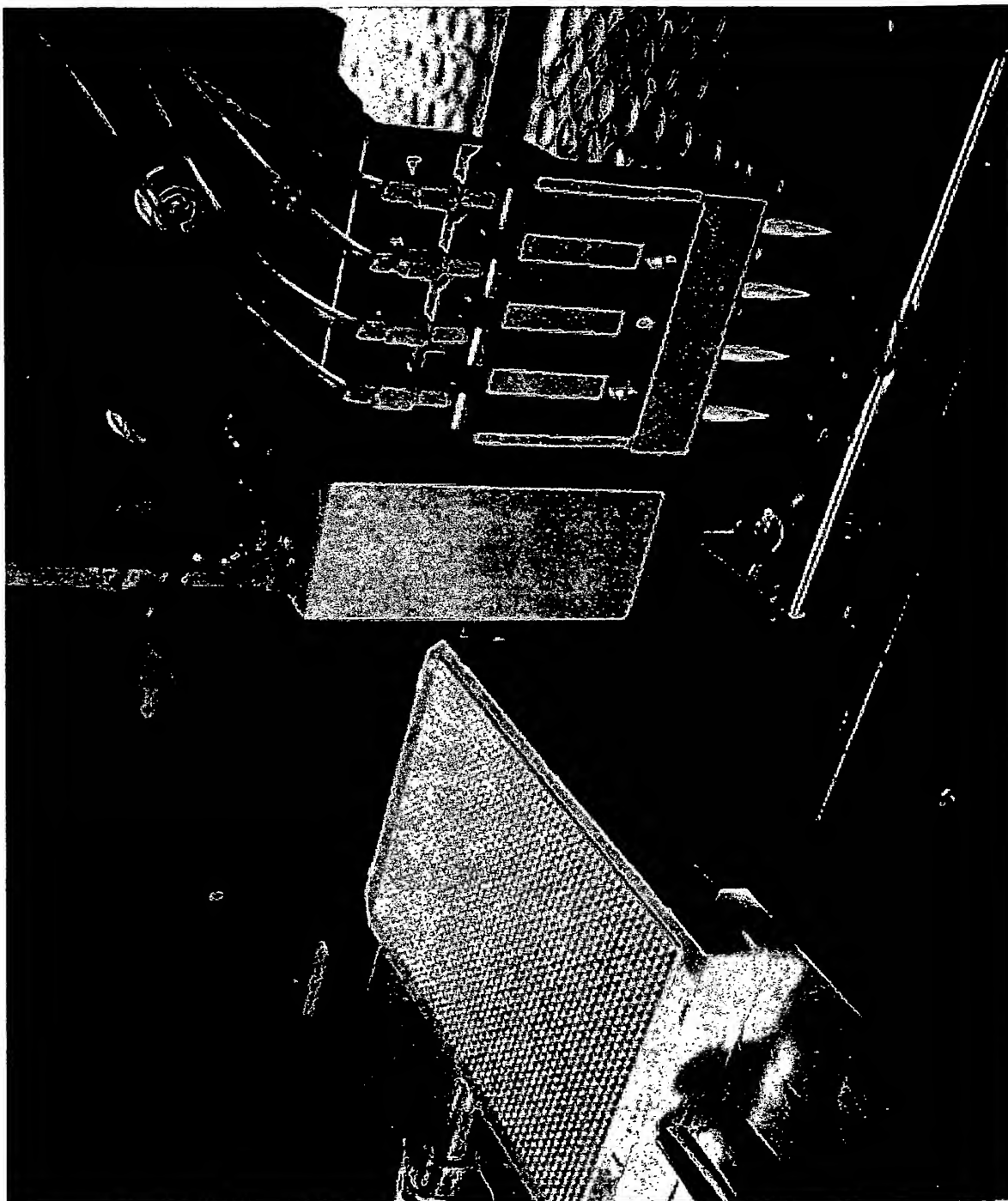


FIG. 16

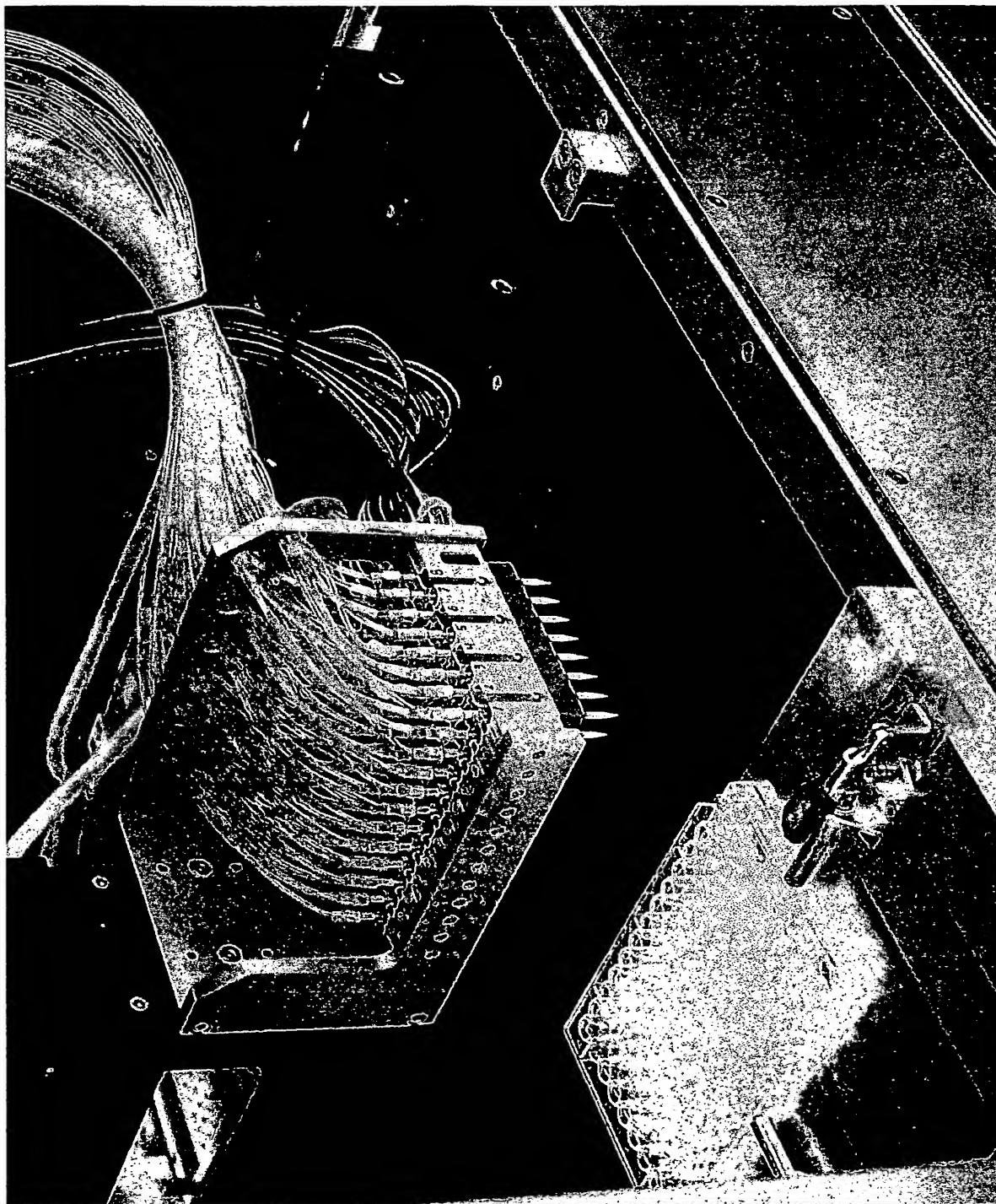


FIG. 17

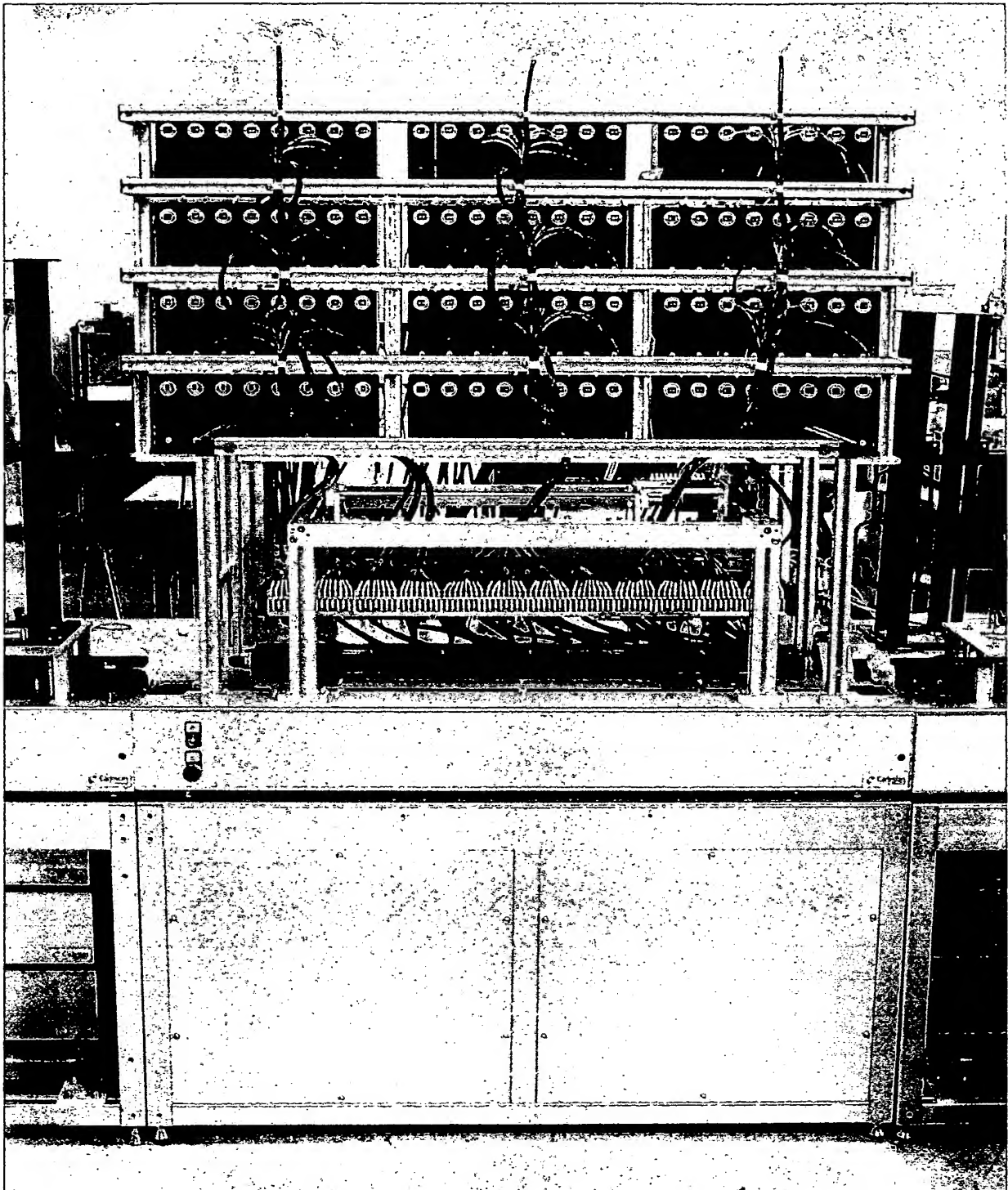


FIG. 18

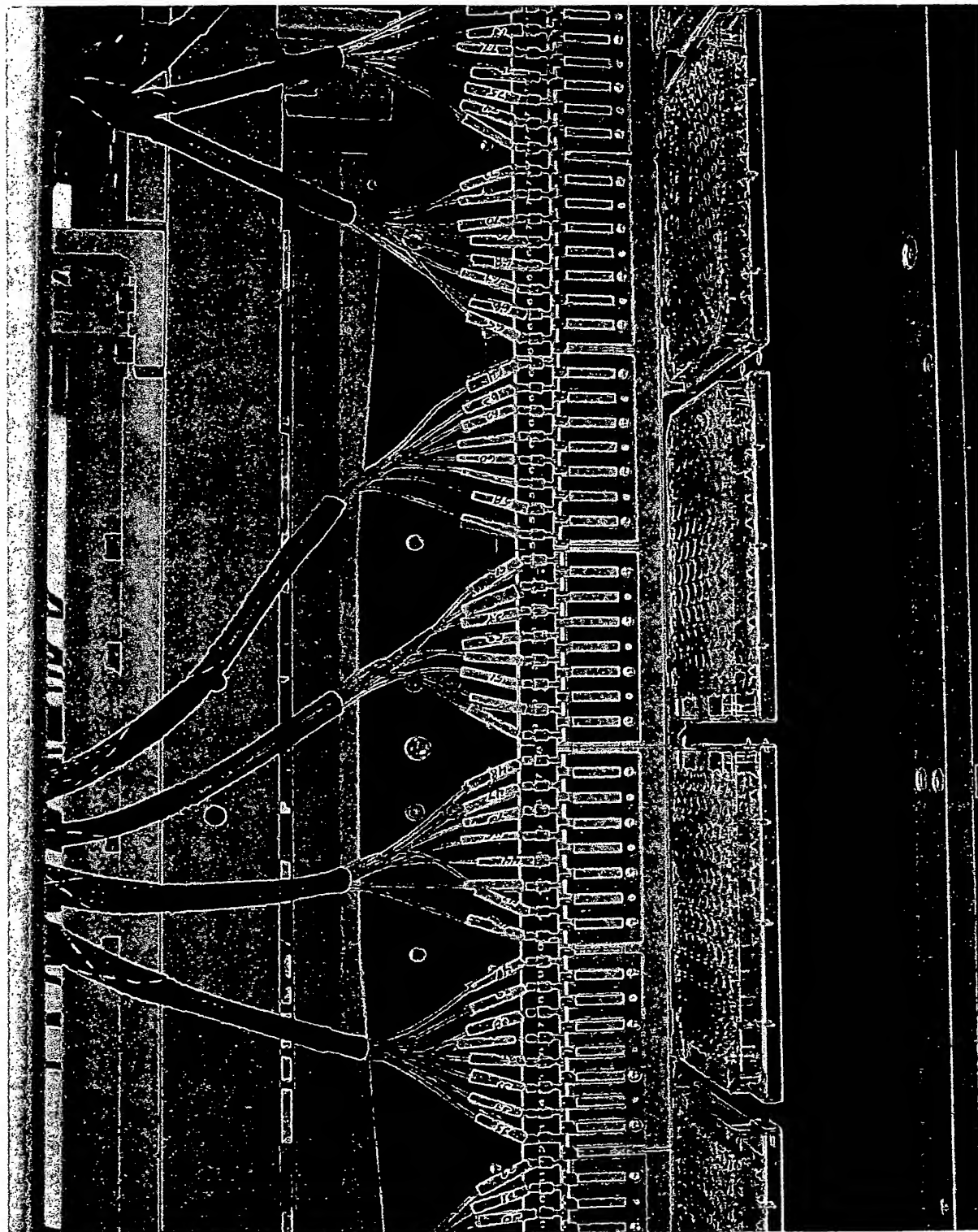


FIG. 19